

OPERATION

IN THE NORMAL STATE, THE DOORS ARE CLOSED, LOCKED ON THE UNSECURED SIDE, AND UNLOCKED FROM THE SECURED SIDE. NORMAL OPERATION IS BY ACCESS CARD ON THE UNSECURED SIDE AND BY PANIC BARS FROM THE SECURED SIDE. THE REQUEST-TO-EXIT MICROSWITCH, OPERATED BY THE SECURED SIDE PANIC BARS, WILL SHUNT THE ALARM BUT WILL NOT UNLOCK THE LOCK. IF THE DOORS ARE HELD PAST THE PRESET OPEN TIME, A PIEZO PRE ALARM WARNING WILL SOUND A WARNING UNTIL THE DOOR IS CLOSED. IF THE DOORS ARE LEFT OPEN, OR ARE FORCED OPEN, A SIREN WILL SOUND UNTIL THE DOORS ARE CLOSED. IF THE DOORS ARE OPENED FROM THE UNSECURED SIDE WITH A KEY, A DOOR FORCED ALARM WILL BE GENERATED. IF THE DOOR BOARD JUNCTION BOOK COVER IS OPENED A TAMPER ALARM WILL BE GENERATED. BOX COVER IS OPENED. A TAMPER ALARM WILL BE GENERATED.

DIAGRAM NOTES

- IF USING OTHER DOOR HARDWARE MANUFACTURER, SUBMIT DOCUMENTATION TO SHOW FUNCTIONAL AND OPERATIONAL EQUIVALENCY.
- THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING REFERENCE FLOOR PLANS.
- HARDWARE SUPPLIED THROUGH THE ARCHITECT'S SPECIFICATIONS.
- DOOR CONTACT SUPPLIED THROUGH SECURITY CONTRACT.
- FOR RATED ASSEMBLIES, THE DOOR AND FRAME MUST BE FACTORY PREPARED FOR ALL ELECTRIC HARDWARE AND SECURITY DEVICES.
- USE THE INNER WHITE AND GREEN STRIPED JACKETED CABLE FROM THE X CABLE. LAND COLOR CODED 6 WIRES PER THE POINT-TO-POINT WIRING DIAGRAM AND SPARE OFF ANY UNUSED WIRES.
- USE THE INNER WHITE AND YELLOW STRIPED JACKETED CABLE FROM THE X CABLE. LAND COLOR CODED WIRES PER THE POINT-TO-POINT WIRING DIAGRAM AND SPARE OFF ANY UNUSED WIRES.
- USE THE INNER WHITE AND PURPLE STRIPED JACKETED CABLE FROM THE X CABLE. LAND COLOR CODED 8 WIRES PER THE POINT-TO-POINT WIRING DIAGRAM AND SPARE OFF ANY UNUSED WIRES.

	LOCAL NOISE (SIREN & PIEZO), FAIL SECURE DIAGRAM	SCALE: N.T.S.
BC-1	DOUBLE DOOR, CARD IN/FREE EXIT ELECTRIC PANICW/REX SWITCH & LATCH RETRACTION, MANUAL PANIC W/REX SWITCH	

LBNL ELECTRICAL STANDARDS	DRAWN BY	DATE
LDNL LLLCTRICAL STANDARDS	CHECKED BY	
SECURITY CARD ACCESS BC-1	APPROVED BY	
DOUBLE DOOR, CARD IN/FREE EXIT ELECTRIC LOCKSET	CAD FILE PATH	
DOUBLE DOOR, CARD IN/FREE EXIT ELECTRIC LOCKSET	SCALE NTS	
UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY NATIONAL LABORATORY	DRAWING NO.	SHEET
FACILITIES DIVISION	SEC115A	BC-1
FACILITIES DIVISION	PROJECT NO	

PROJECT NO.